

**The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK
GOVERNOR**

**TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD
SECRETARY
JOHN AUERBACH
COMMISSIONER**

3/2/2012

Andrius Knasas
Assistant District Attorney
Suffolk County District Attorney's Office

Dear ADA Knasas,

Enclosed is the information you requested in regards to items [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Kate Corbett
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for these samples. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for these samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

Additional Training and Laboratory Experience

- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2008 – 2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units



DRUG RECEIPT

CC # _____
BOOK # _____
PAGE # _____
DESTRUCTION # _____

District/Unit YVSF/VK09
Name & Rank of Arresting Officer BORGES ID# 96717

DEFENDANT'S NAME	ADDRESS	CITY	STATE
			MA
			MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
CRACK COCAINE	1 P/B	1.86g	
CRACK COCAINE	1 P/B	1.81g	
CRACK COCAINE	1 P/B	1.90g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer [Signature] ID# 9370

Received by [Signature] Date 7-6-11

ECU Control # _____

No. [REDACTED] Date Analyzed: 2/16/12
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 07/06/2011 No. Analyzed:
Gross Wt.: 1.86 Net Weight: 0.19g
Tests: 6
• 2KAC
Prelim: Cocaine (HLL) Findings: Cocaine

No. [REDACTED] Date Analyzed: 2/16/12
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 07/06/2011 No. Analyzed:
Gross Wt.: 1.81 Net Weight: 0.12g
Tests: 6
• 2KAC
Prelim: Cocaine (HLL) Findings: Cocaine

No. [REDACTED] Date Analyzed: 2/16/12
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 07/06/2011 No. Analyzed:
Gross Wt.: 1.90 Net Weight: 0.17g
Tests: 6
• 2KAC
Prelim: Cocaine (HLL) Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

HL

No. of samples tested: _____

Evidence Wt.

OKPHYSICAL DESCRIPTION:

Gross Wt (): _____

0.2217g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: _____

0.1907g

One pb containing
off white substance.
One piece of paper
also included in evidence
bag.

PRELIMINARY TESTSSpot TestsCobalt
Thiocyanate () + weak / + blue w/ acidMarquis -Froehde's -Mecke's -Microcrystalline TestsGold
Chloride +TLTA (-) + w/ acidOTHER TESTSPRELIMINARY TEST RESULTSRESULTS CocaineDATE 2/11/2012GC/MS CONFIRMATORY TESTRESULTS CocaineMS
OPERATOR KACDATE 2/16/2012

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Boston

ANALYST HLL

No. of samples tested: _____

Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (): 0.1421g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.1202g

One pb containing
off white substance.
One piece of paper
also included in
evidence bag.

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () + weak / + blue acid

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 2/11/2012

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 2/16/2012

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Boston

ANALYST HL

No. of samples tested: _____

Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (): 0.2189 g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.1790 g

One pb containing
off white substance.
One piece of paper
also included in
evidence bag.

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () + weak / + blue w/ acid

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (-) + w/ acid

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 2/11/2012

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

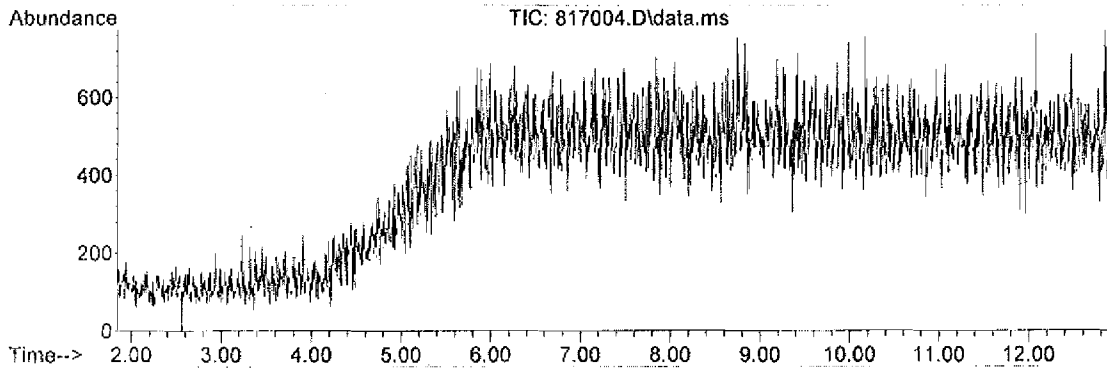
MS
OPERATOR LAC

DATE 2/16/2012

✓KAC
2/27/12

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817004.D
Operator : KAC
Date Acquired : 14 Feb 2012 14:50
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



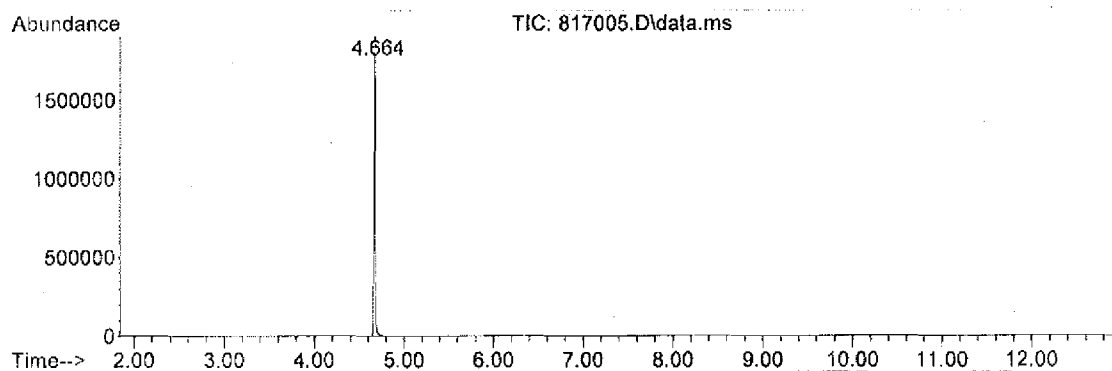
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

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File Name : C:\msdchem\1\System7\02_14_12\817005.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 15:06
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.664	1806340	100.00	100.00

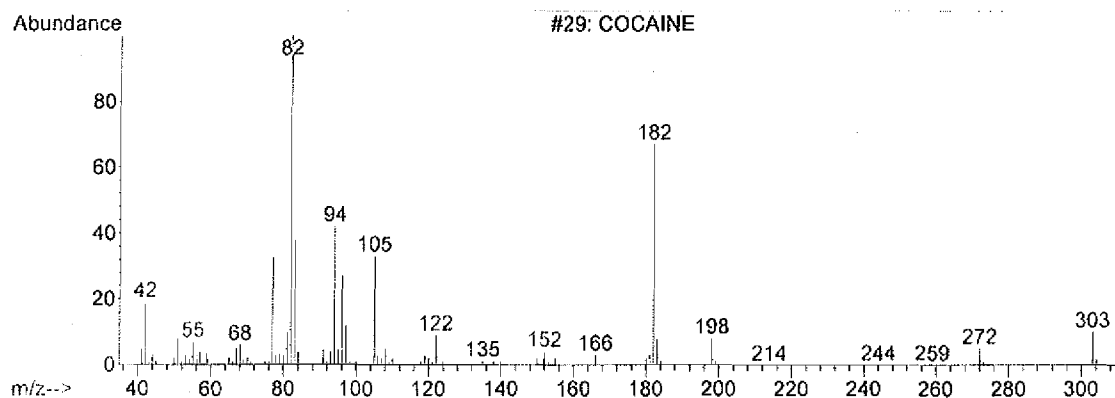
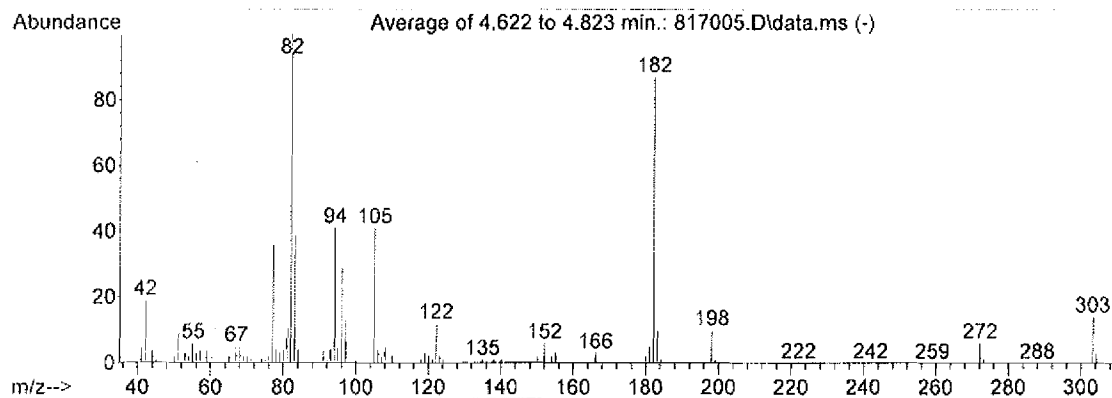
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817005.D
Operator : KAC
Date Acquired : 14 Feb 2012 15:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

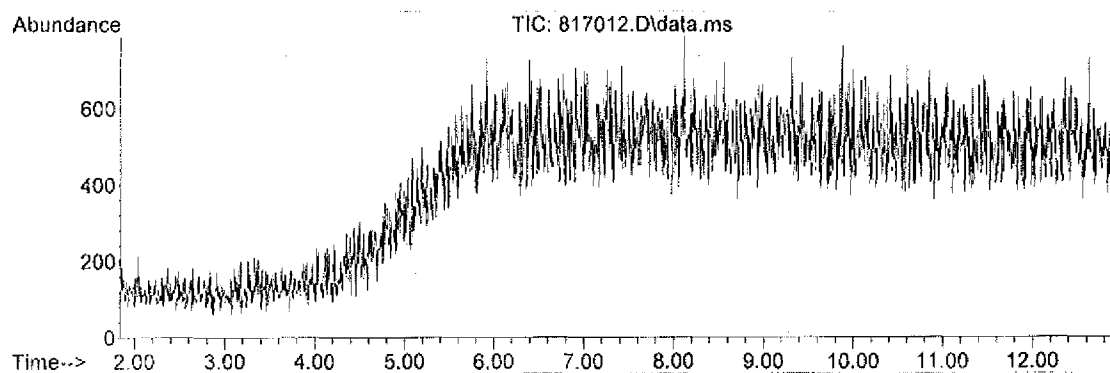
PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817012.D
Operator : KAC
Date Acquired : 14 Feb 2012 16:55
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



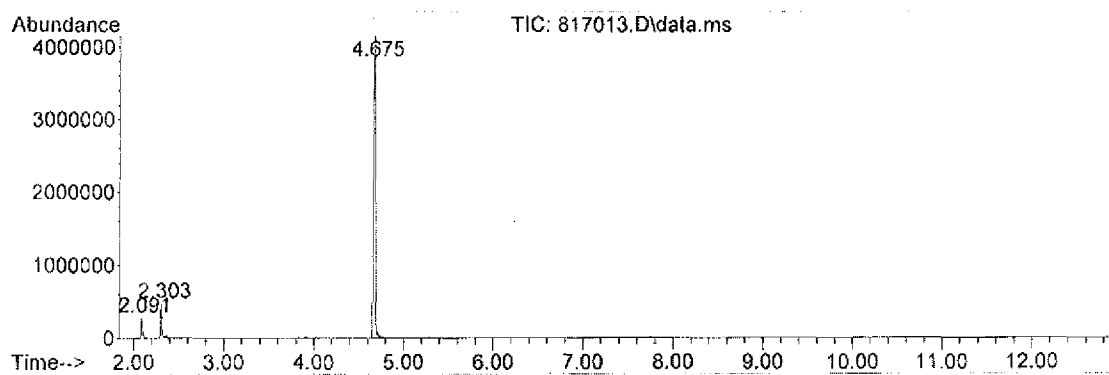
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817013.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 17:10
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 13
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.091	302151	4.44	4.98
2.303	439472	6.46	7.25
4.675	6062830	89.10	100.00

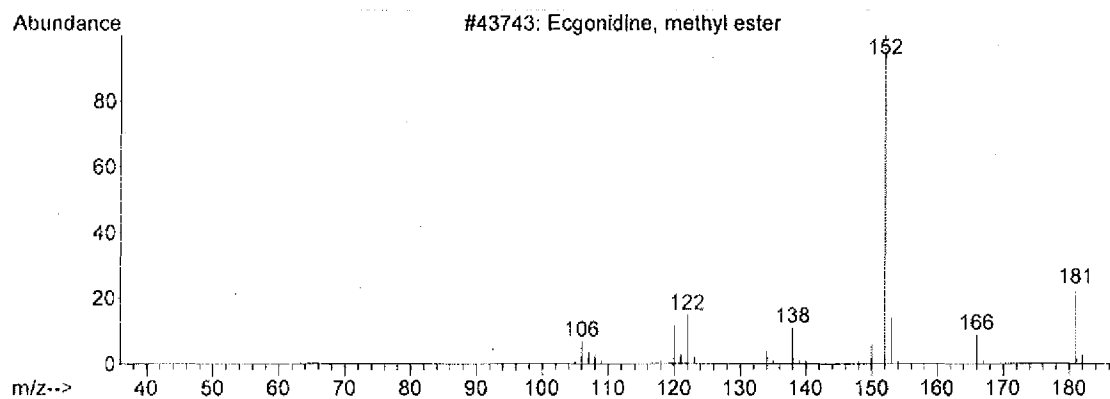
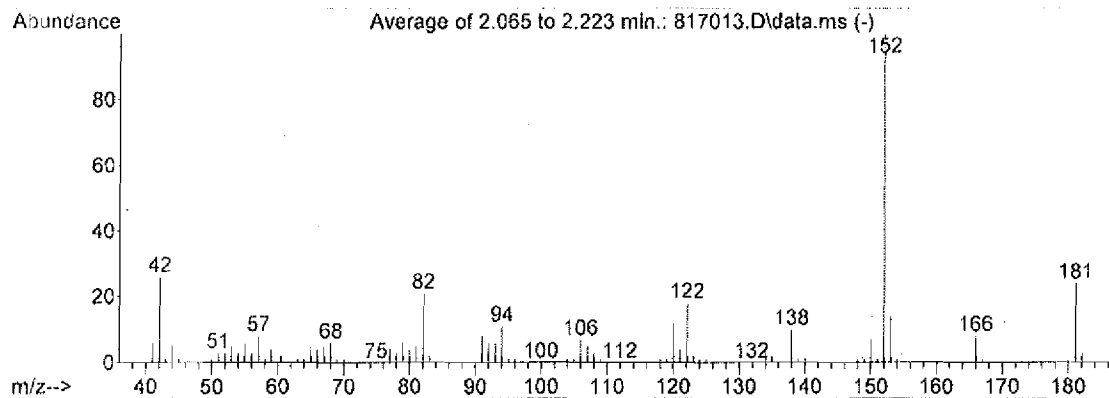
Area Percent / Library Search Report

Information from Data File:

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 Operator : KAC
 Date Acquired : 14 Feb 2012 17:10
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 13
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.09	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		Benzeneethanamine, 3,4-dimethoxy-	000120-20-7	43

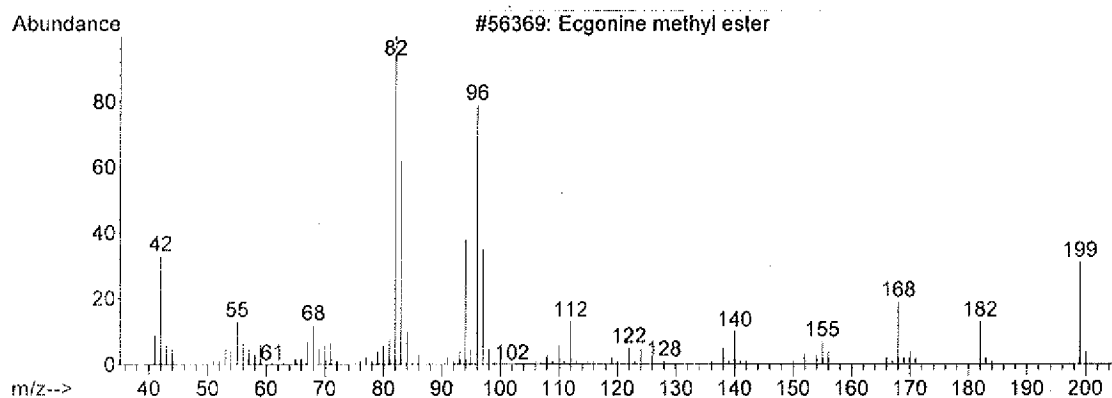
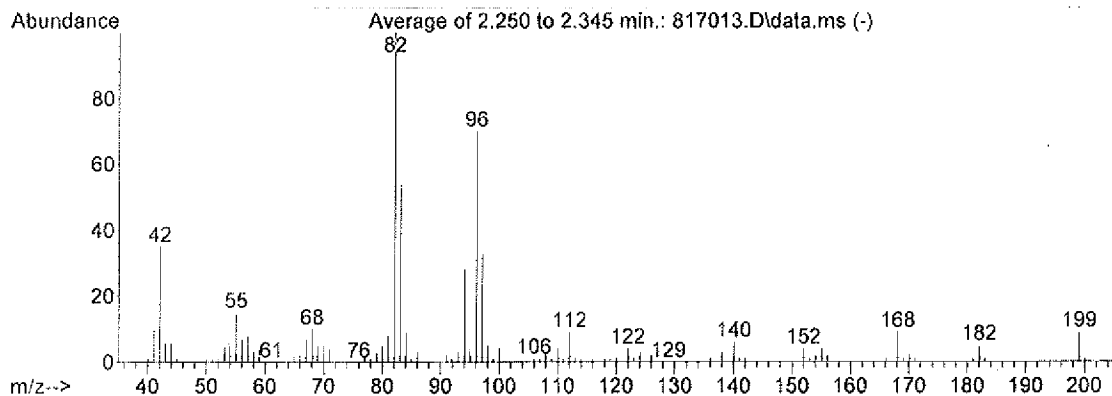


Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817013.D
Operator : KAC
Date Acquired : 14 Feb 2012 17:10
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 13
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.30	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97
		Pseudoecgonine methyl ester	099189-88-5	96



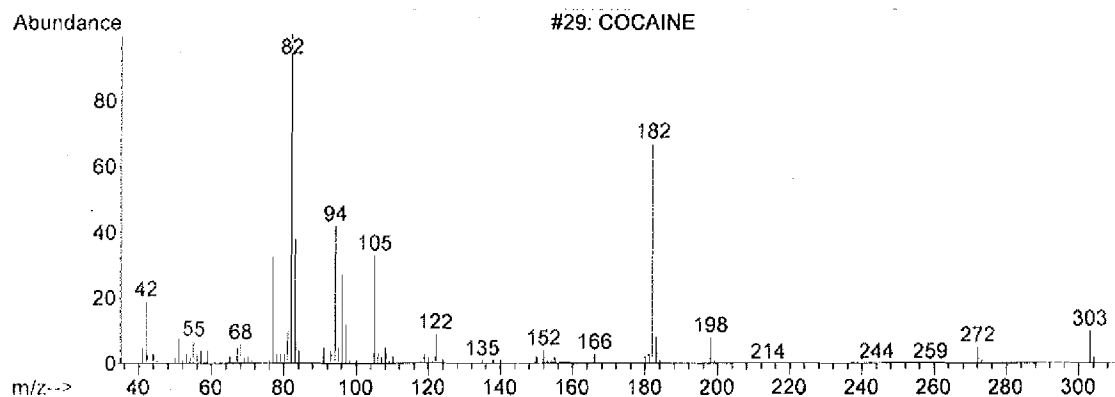
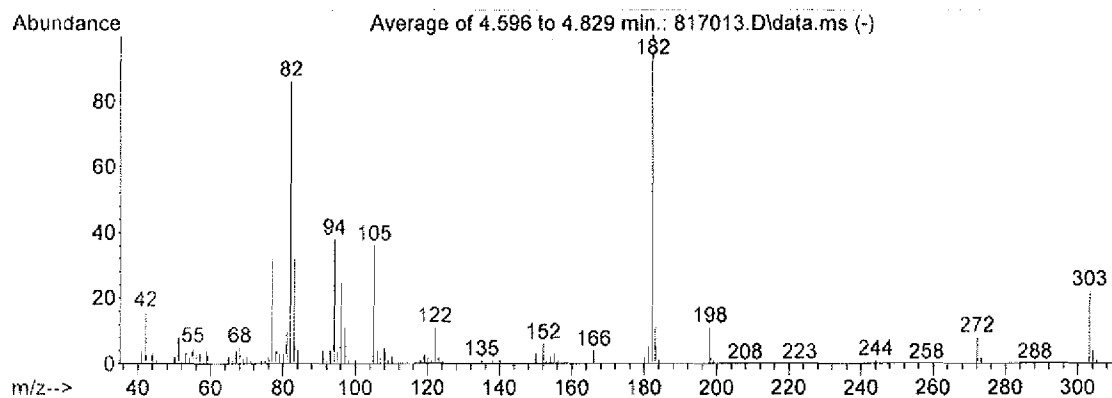
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817013.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 17:10
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 13
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

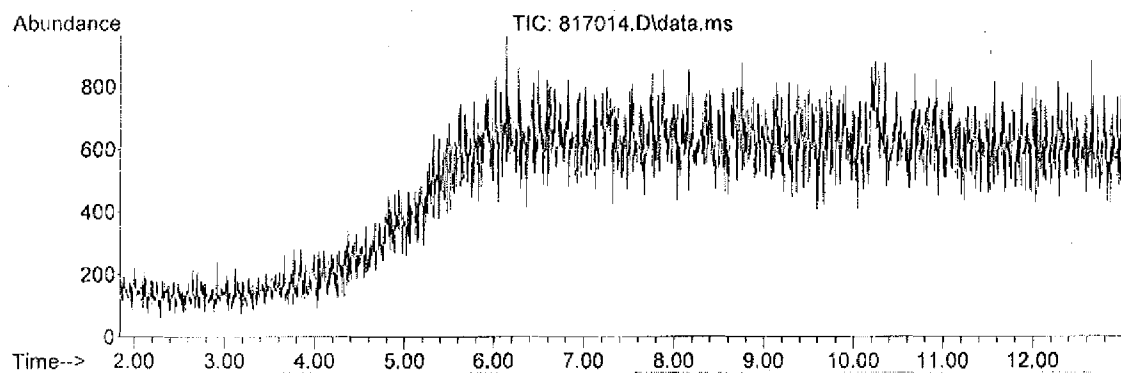
PK#	RT	Library/ID	CAS#	Qual
3	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817014.D
Operator : KAC
Date Acquired : 14 Feb 2012 17:26
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



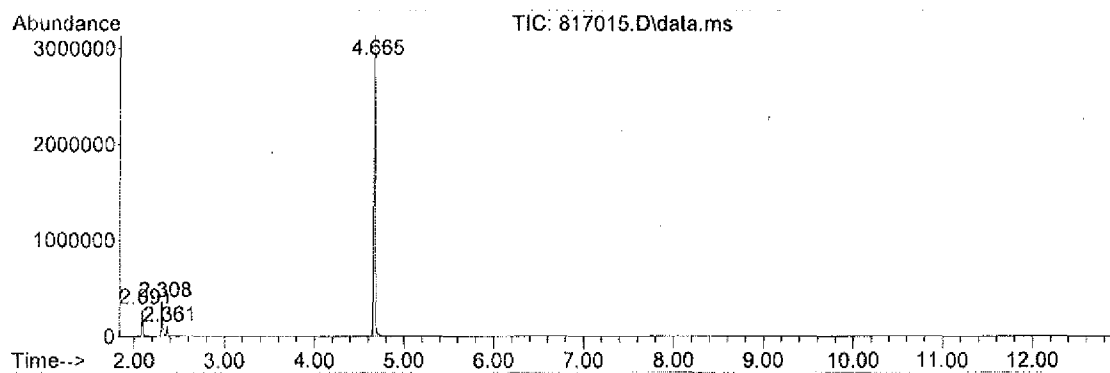
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817015.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 17:41
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



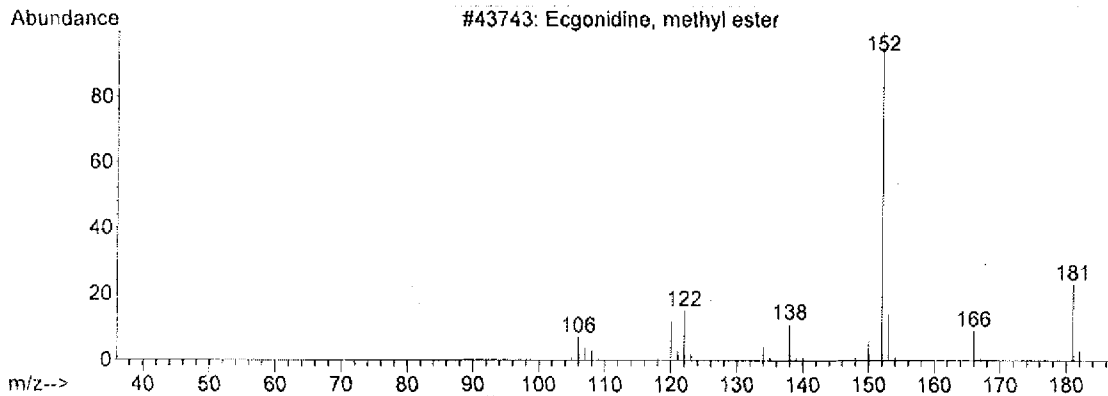
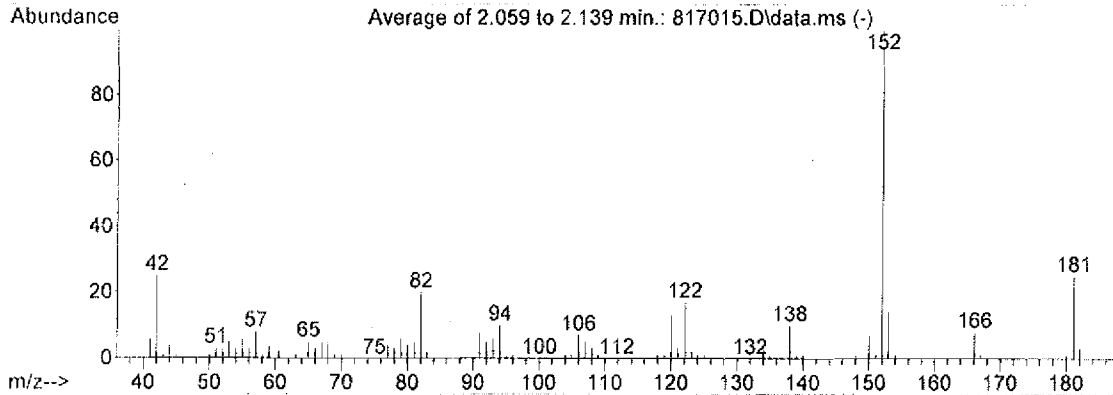
Ret. Time	Area	Area %	Ratio %
2.091	278661	6.70	8.17
2.308	359070	8.64	10.53
2.361	110423	2.66	3.24
4.665	3409068	82.00	100.00

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817015.D
Operator : KAC
Date Acquired : 14 Feb 2012 17:41
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 15
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.09	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		Benzeneethanamine, 3,4-dimethoxy-	000120-20-7	43



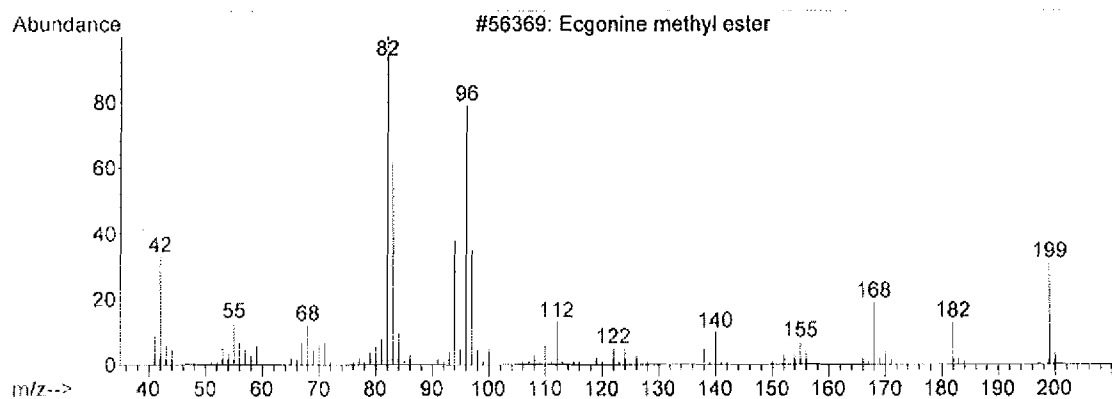
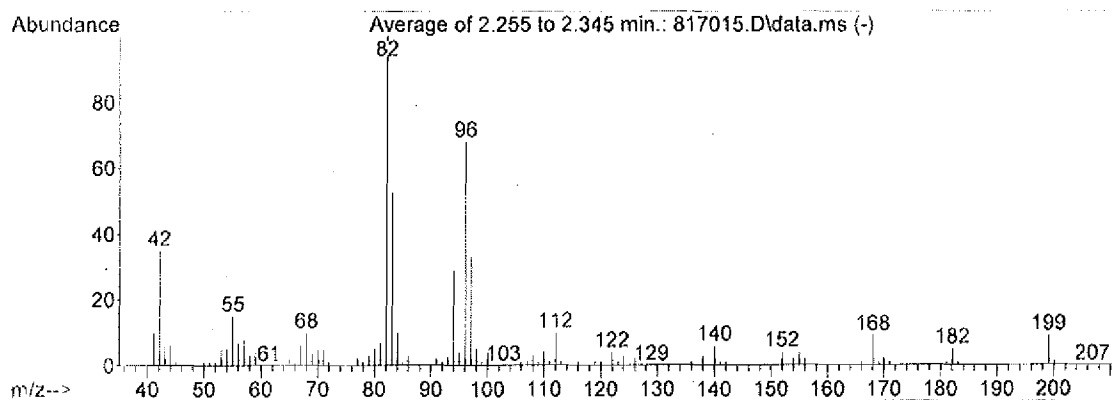
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817015.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 17:41
 Sample Name : XXXXXXXXXX
 Submitted by : RLL
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.31	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97



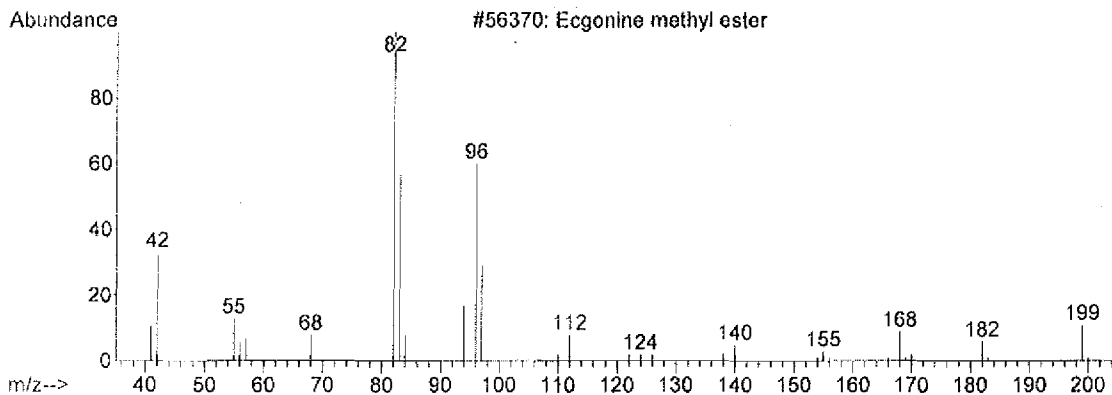
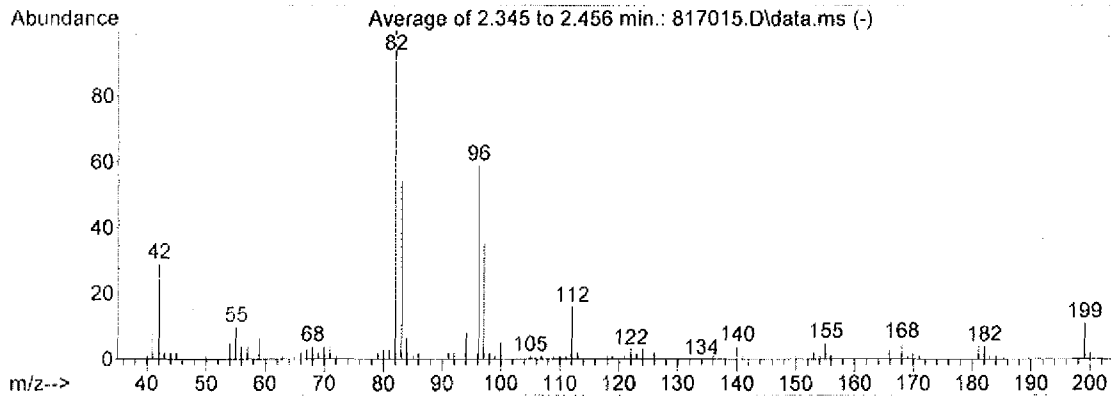
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817015.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 17:41
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.36	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	94
		Pseudoecgonine methyl ester	099189-88-5	94
		Ecgonine methyl ester	106293-60-1	90



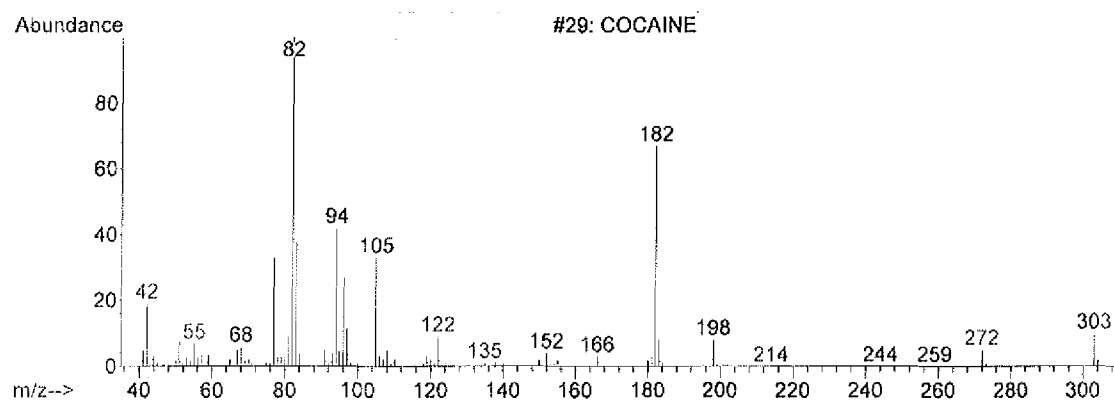
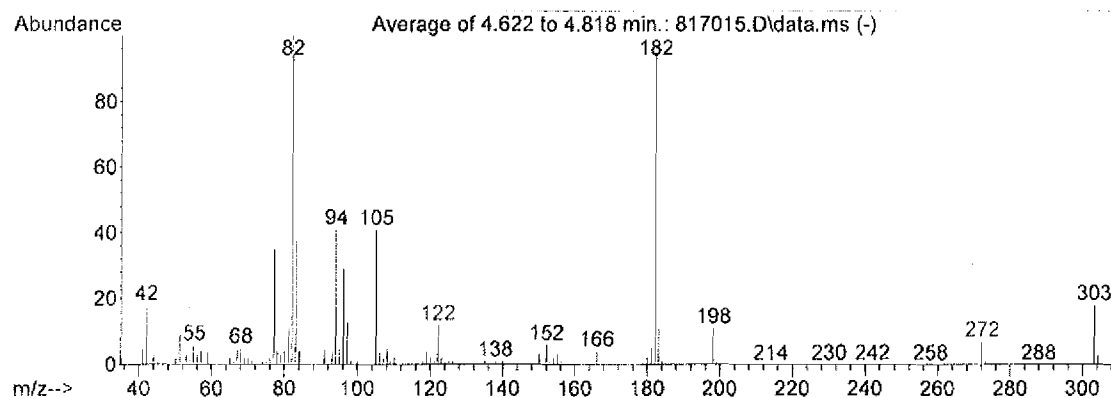
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817015.D
Operator : KAC
Date Acquired : 14 Feb 2012 17:41
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 15
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

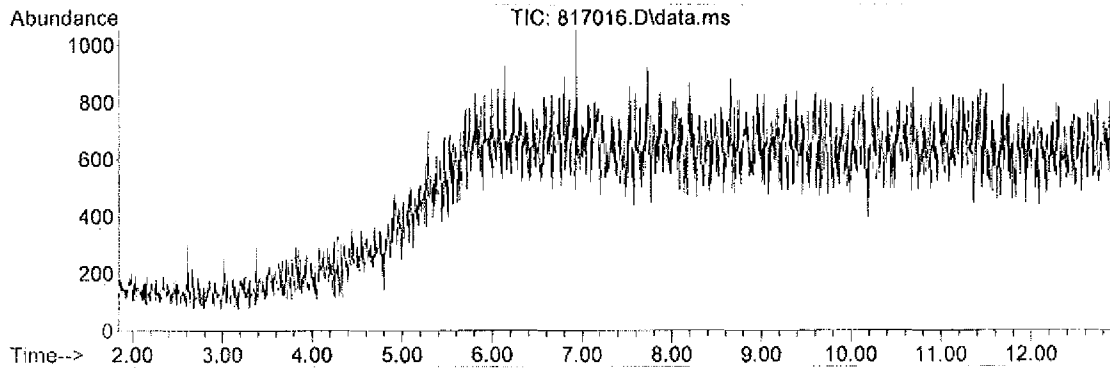
PK#	RT	Library/ID	CAS#	Qual
4	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817016.D
Operator : KAC
Date Acquired : 14 Feb 2012 17:57
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



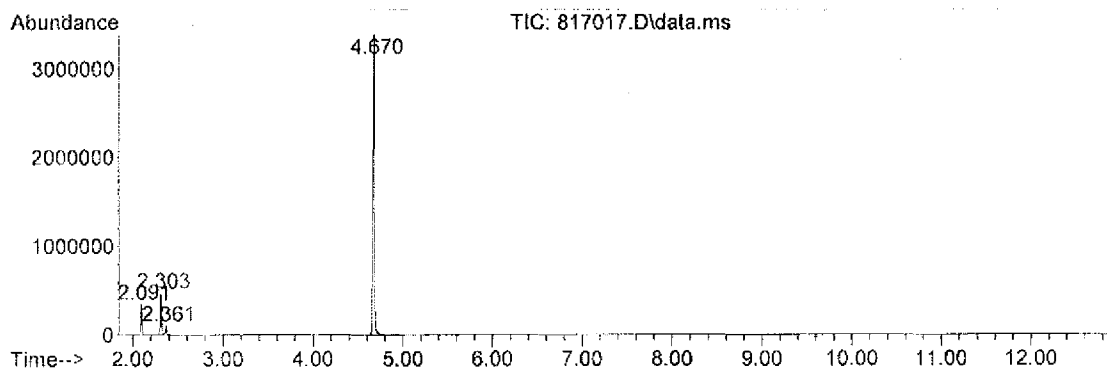
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817017.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 18:13
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 17
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.091	343852	6.84	8.37
2.303	455781	9.06	11.09
2.361	119064	2.37	2.90
4.670	4110325	81.73	100.00

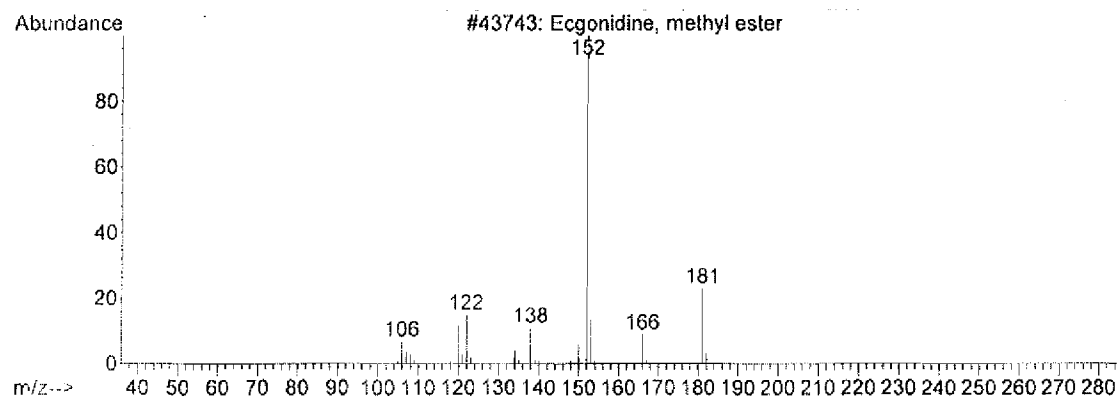
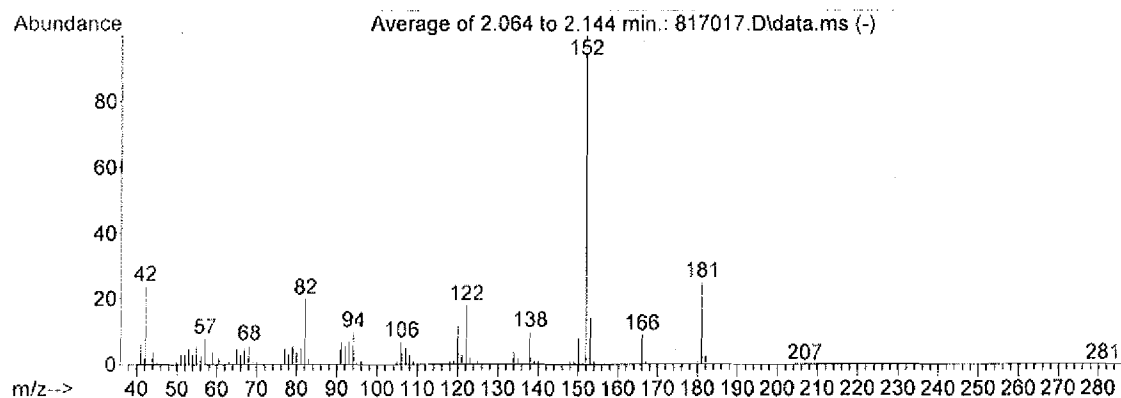
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817017.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 18:13
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 17
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.09	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	97
		3,5-Dimethoxyphenethylamine	003213-28-3	43

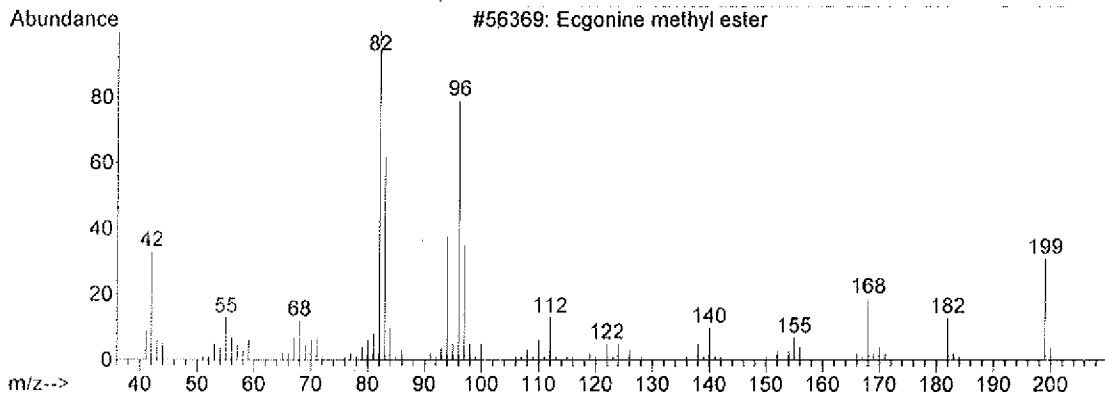
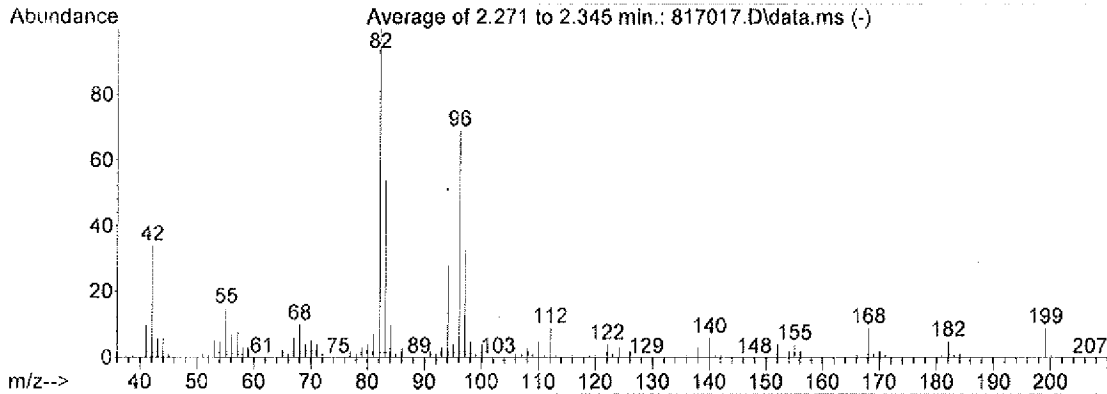


Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817017.D
Operator : KAC
Date Acquired : 14 Feb 2012 18:13
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.30	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	98
		Ecgonine methyl ester	106293-60-1	97



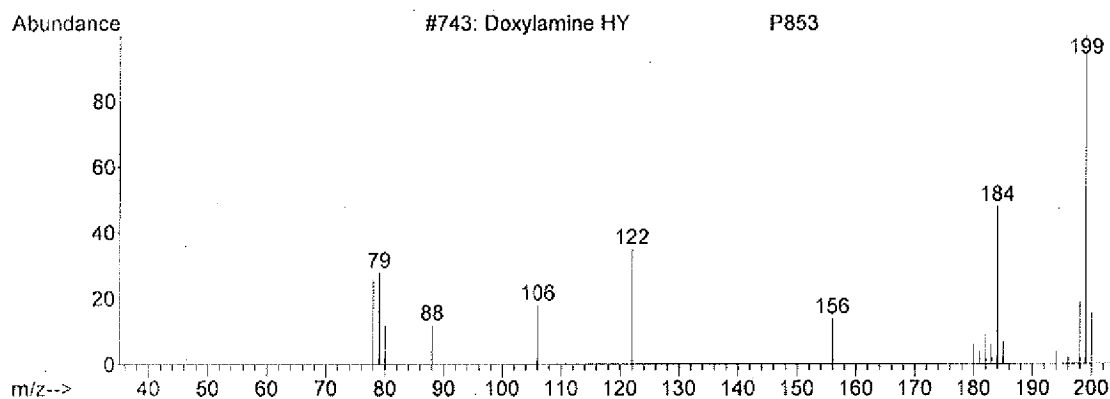
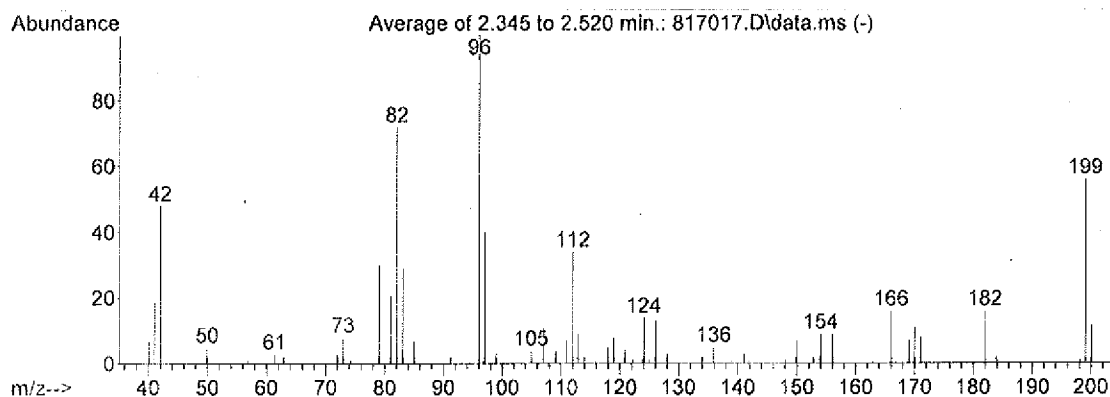
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817017.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 18:13
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 17
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.36	C:\Database\PMW_TOX2.L		
		Doxylamine HY	000000-00-0	9
		Phenothiazine	@ 000092-84-2	7
		Flurbiprofen	005104-49-4	4

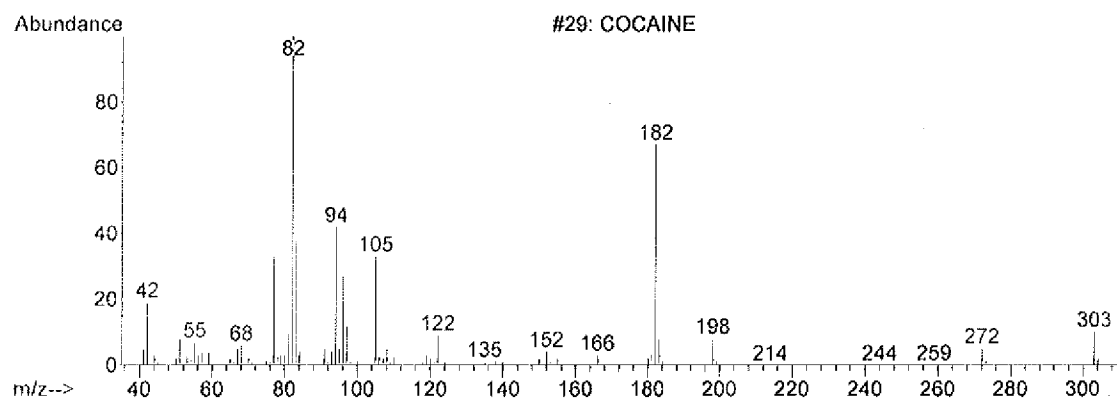
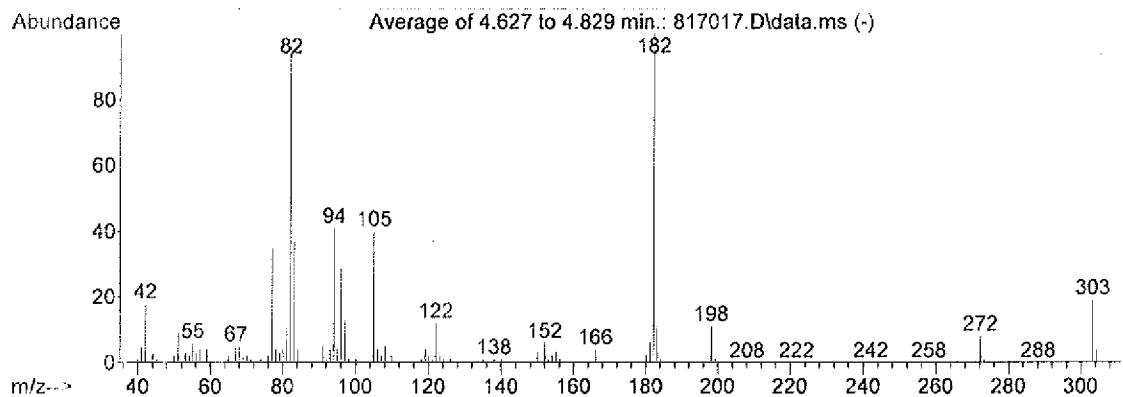


Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817017.D
Operator : KAC
Date Acquired : 14 Feb 2012 18:13
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 17
AcquisitionMeth: DRUGS.M
Integrator : RTE

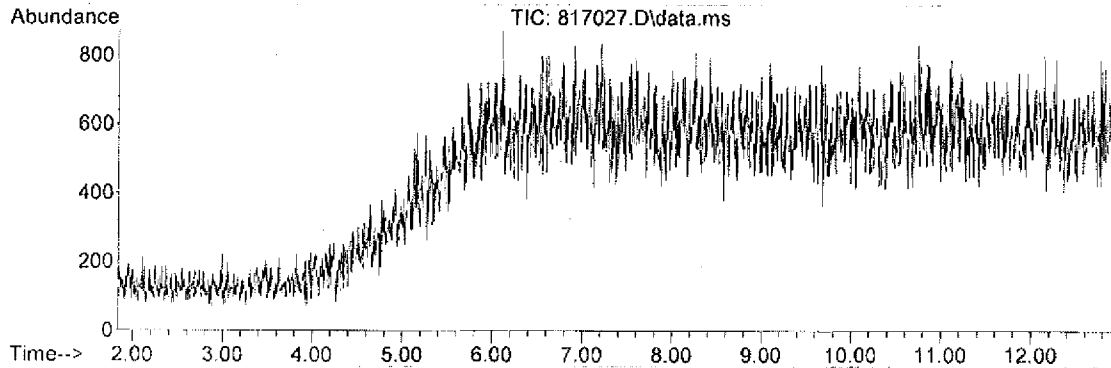
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.67	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817027.D
Operator : KAC
Date Acquired : 14 Feb 2012 20:49
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



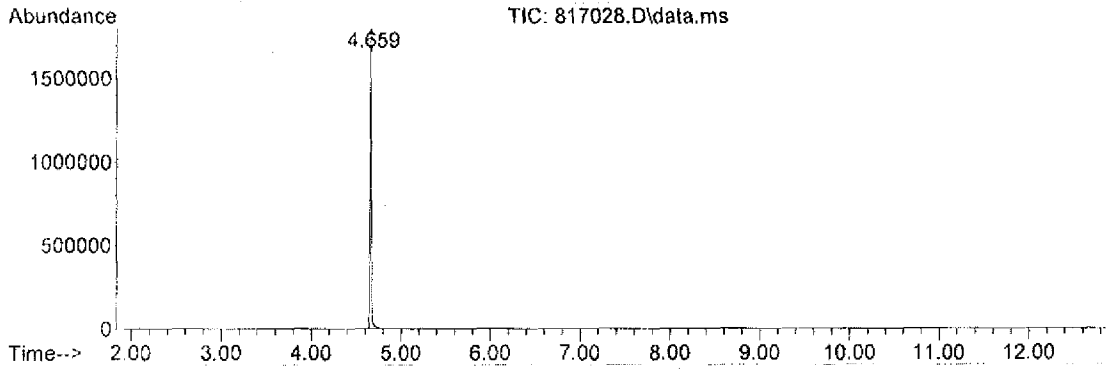
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817028.D
Operator : KAC
Date Acquired : 14 Feb 2012 21:05
Sample Name : COCAINE STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.659	1771642	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817028.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 21:05
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

